

including control data corresponding to a command inputted in said personal computer, and transmits an acknowledge signal indicating reception of said control signal to said personal computer;

a decoder which decodes said control data included in said control signal to provide a digital signal; and

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an adjustment signal generation circuit which generates an adjustment signal for a size and/or position of said displayed image according to said digital signal provided from said decoder,

wherein said input device adjusts said size and/or position of said displayed image based on said adjustment signal generated from said adjustment signal generation circuit independent of any manual adjustment switch instrument of said display unit.

REMARKS

Claims 16 and 20 have been amended. No claims have been canceled or added. Accordingly, claims 16-21 are currently pending in the application.

Applicants appreciate the Examiner's acknowledgement of the claim for priority and safe receipt of the certified copy filed in a parent application.

The title has been amended into a more descriptive form as required by the Examiner.

Claims 16-21 stand rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-16 of U.S. Patent No. 6,057,812 in view of McDaniel. A Terminal Disclaimer is enclosed to overcome this rejection.

Claims 16 and 19-21 stand rejected under 35 U.S.C. §102 as being anticipated by McDaniel et al. Claim 17 stands rejected under 35 U.S.C. §103 as being unpatentable over McDaniel et al in view of Bromberg et al. Claim 18 stands rejected under 35 U.S.C. §103 as being unpatentable over McDaniel et al in view of Bromberg et al and further in view of Naito. These rejections are traversed as follows.

The present invention is directed to a display unit for displaying an image based on a video signal received from a personal computer which is connected to an input device. An interface circuit receives from the personal computer this video signal and a control signal including control data corresponding to a command inputted in the personal computer. An adjustment signal generation circuit generates an adjustment signal for a size and/or position of the displayed image according to a digital signal provided from a decoder.

None of the cited references disclose these features of the present invention. For example, in Figure 4 and columns 5 and 6 of McDaniel et al, it is stated that a composite video signal is input to a CRT 178. Since the video signal is provided to the CRT, McDaniel et al fail to disclose a circuit which receives from the personal computer a video signal and a control signal including control data corresponding to a command input in the personal computer or a circuit which generates a signal for a size and/or position of the displayed image.

In addition, at column 6, lines 45-51, it is stated that the CRT controller 158 takes the character information provided to it from the DMA controller 152 and the data bus 56 and generates the necessary line signal commands and character codes to the decoder PROM 164 and character PROM 166 to effect the generation of the pre-specified series of dot characters on the face of the CRT 178. Therefore, McDaniel et al clearly fail to disclose the above-mentioned features of the present invention.

The Examiner further alleges that McDaniel et al teach that the PROM module 60 further includes acknowledge logic 148 which generates an acknowledge signal which is present in the data bus 56, citing column 5, lines 29-38. However, the

previous sentence to the one cited recites that the PROM module 60 further includes acknowledge logic 148 which generates an acknowledge signal which is sent to the processor 90 to acknowledge to the processor 90 that good data is present on the data bus 56. Therefore, McDaniel et al do not disclose any interface circuit which upon receiving a control signal sends out an acknowledge signal indicating reception of the control signal to the personal computer.

The deficiencies in McDaniel et al are not overcome by resort to the remaining references. As such, it is submitted that the pending claims patentably define the present invention over the cited art.

In view of the foregoing amendments and remarks, Applicants contend that the above-identified application is now in condition for allowance. Accordingly, reconsideration and reexamination are respectfully requested.

Respectfully submitted,



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MARKED UP VERSION OF REWRITTEN CLAIMS

16. (Amended) A display unit for displaying an image based on a video signal received from a personal computer which is connected to an input device, comprising:

an interface circuit [receiving] which receives from said personal computer said video signal and a control signal including control data corresponding to a command inputted in said personal computer;

a decoder [for decoding] which decodes said control data included in said control signal to provide a digital signal; and

an adjustment signal generation circuit [for generating] which generates an adjustment signal for a [display based on] size and/or position of said displayed image according to said digital signal provided from said decoder;

wherein said interface circuit upon receiving said control signal sends out an acknowledge signal indicating reception of said control signal to said personal computer.

20. (Amended) A display unit for displaying an image based on a video signal received from a personal computer which is connected to an input device, comprising:

an interface circuit [receiving] which receives from said personal computer said video signal and a control signal including control data corresponding to a command inputted in said [input device];

an interface circuit for receiving said control signal including said control data and sending to said personal computer] personal computer, and transmits an acknowledge signal indicating reception of said control signal to said personal computer;

a decoder [for decoding] which decodes said control data included in said control signal to provide a digital signal; and

an adjustment signal generation circuit [for generating] which generates an adjustment signal for a [display based on] size and/or position of said displayed image according to said digital signal provided from said decoder,

wherein said input device adjusts said [display] size and/or position of said displayed image based on said adjustment signal generated from said adjustment signal

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generation circuit independent of any manual adjustment switch
instrument of said display unit.